



About the Contributors

CAROLINE R. ARMS is a Program Coordinator for the National Digital Library Program at the Library of Congress. She is responsible for the integration into American Memory of collections digitized at other institutions through the Library of Congress/Ameritech National Digital Library Competition. In the late 1980s, she edited two books of case studies for EDUCOM—*Campus Networking Strategies*, and *Campus Strategies for Libraries and Electronic Information*. More recent publications include “Historical Collections for the National Digital Library” (*D-Lib Magazine*, April & May 1996) and *Enabling Access in Digital Libraries: A Report on a Workshop on Access Management* (Digital Library Federation, 1999).

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THOMAS S. HUANG joined the University of Illinois at Urbana-Champaign in 1980, where he is now William L. Everitt Distinguished Professor of Electrical and Computer Engineering, Research Professor at the Coordinated Science Laboratory, and Head of the Image Formation and Processing Group at the Beckman Institute for Advanced Science and Technology. He was on the Faculty of the Department of Electrical Engineering at MIT from 1963 to 1973 and on the faculty of the School of Electrical Engineering and Director of its Laboratory for Information and Signal Processing at Purdue University from 1973 to 1980. Dr. Huang's professional interests lie in the broad area of information technology, especially the transmission and processing of multidimensional signals. He has published twelve books and over 300 papers on network theory, digital filtering, image processing, and computer vision. He received the IEEE Acoustics, Speech, and Signal Processing Society's Technical Achievement Award in 1987 and the Society Award in 1991. He is a Founding Editor of the *International Journal of Computer Vision, Graphics, and Image Processing* and editor of the *Springer Series in Information Sciences* published by Springer Verlag.

SHARAD MEHROTRA is an Assistant Professor in the Computer Science Department at the University of Illinois at Urbana-Champaign since 1994. He has subsequently worked at MITL, Princeton, as a scientist from 1993 to 1994. He specializes in the areas of database management, distributed systems, and information retrieval. His current research projects are on multimedia analysis, content-based retrieval of multimedia objects, multidimensional indexing, uncertainty management in databases, and concurrency and transaction management. Dr. Mehrotra is an author of over fifty research publications in these areas. He is the recipient of the NSF Career Award and the Bill Gear Outstanding junior faculty award in 1997.

MICHAEL ORTEGA is currently pursuing his graduate studies at the University of Illinois at Urbana-Champaign. He received a Fulbright/CONACYT/García Robles scholarship to pursue graduate studies as well as the Mavis Award at the University of Illinois and is a member of the Phi Kappa Phi honor society, the IEEE computer society, and member of the ACM. His research interests include multimedia databases, database optimization for uncertainty support, and content-based multimedia information retrieval.

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BETH SANDORE is Head of the Digital Imaging and Multimedia Initiatives program and Associate Professor at the University of Illinois at Urbana-Champaign Library. Her professional experience and research focus

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ROHINI K. SRIHARI is an Associate Professor of Computer Science and Engineering at SUNY at Buffalo. She has worked in both natural language processing as well as computer vision. Dr. Srihari's current research interests include multimedia information retrieval and multimodal image annotation systems. She is presently working on three projects. The first project, Show&Tell—a multimodal system (combining speech, deictic input, and computer vision) for aerial image annotation and retrieval—was sponsored by the DOD as part of the RADIUS image exploitation program. The second project, WebPiction—for combining text and image context in image retrieval for the World Wide Web and Imagination—is an extension of a DOD sponsored effort on the use of collateral text in image understanding. The third project, Imagination—an Image Annotation and Metadata Generation System for Consumer Photos—is being sponsored by Kodak as part of their digital imaging initiative. Dr. Srihari recently organized a workshop on Multimedia Indexing and Retrieval in conjunction with the ACM conference on Information Retrieval, SIGIR '99.

CHRISTIE STEPHENSON is Librarian for Digital Collections at the New York University Libraries. She served as Project Director of the Museum Educational Site Licensing Project from September 1996 until the conclusion of the project. Prior to that, she served as MESL Project Coordinator and Coordinator of the Digital Image Center at the University of Virginia Library, where she was Assistant Fine Arts Librarian.

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